

Serotonin Application Effects on Electrical Characteristics of the Premotor Interneurons in Intact and Trained Snails

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Abstract

© 2016, Springer Science+Business Media New York. Experimentally, it was shown that the action potential threshold in neurons of the trained snails increases in response to serotonin (5-HT) application, in contrast to intact snails. This result demonstrates a decrease of excitability of the premotor interneurons in response to extracellular 5-HT after the training.

<http://dx.doi.org/10.1007/s12668-016-0224-y>

Keywords

Identified neurons, Learning, Membrane and threshold potentials, Serotonin, Snail